AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A computer-implemented method for balancing resource loads, comprising:

receiving a work request;

determining for each of a plurality of service locations a probability of servicing said work request within a target time, wherein said determined probability includes determining a relative probability for each service location included in the plurality of service locations by calculating a number of opportunities to service said work request within said target time by each service location included in the plurality of service locations;

selecting at least a first service location having at least one of a greatest determined probability of servicing said work request within said target time and a sufficient determined probability of servicing said work request within said target time; and

assigning said work request to said selected service location.

- 2. (Previously Presented) The method of Claim 1, wherein said step of selecting at least a first service location comprises selecting a first service location having a sufficient determined probability of servicing said work request within said target time.
- 3. (Previously Presented) The method of Claim 1, wherein said step of selecting at least a first service location comprises selecting a first service location having a greatest determined probability of servicing said work request within said target time.
 - 4. (Previously Canceled)
 - 5. (Previously Canceled)
- 6. (Previously Presented) The method of Claim 1, wherein selecting at least a first service location comprises selecting a first service location having at least a selected minimum number of opportunities to service said work request within said target time.

- 7. (Previously Presented) The method of Claim 1, wherein said step of selecting at least a first service location comprises selecting a first service location having a greatest number of opportunities to service said work request within said target time.
- 8. (Previously Presented) The method of Claim 1, wherein said number of opportunities (#OPPS) is calculated as #OPPS=((Target time-EWT)/WAT)+1, where EWT is an estimated wait time for a work request assigned to said service location, and where WAT is a weighted advance time for a work request assigned to said service location.
- 9. (Previously Presented) The method of Claim 1, further comprising, in response to more than one service location having a greatest calculated number of opportunities to service said work request within said target time, calculating an advance time metric.
- 10. (Original) The method of Claim 9, wherein said advance time metric comprises an expected wait time, wherein said step of selecting comprises selecting a location having a lowest expected wait time.
- 11. (Original) The method of Claim 9, wherein said advance time metric comprises a weighted advance time trend, wherein said step of selecting comprises selecting a location having a lowest weighted advance time trend.
- 12. (Original) The method of Claim 11, wherein said weighted advance time trend (WAT_Trend) is calculated as WAT_Trendn = (x*WAT_Trendn-1) + ((1-x)*WAT_Change), where x is a constant, and where the WAT_Change is calculated as WAT_Change=(WATn-WATn-1)/WATn-1.
- 13. (Original) The method of Claim 1, wherein each of said service locations is associated with a queue capable of containing a plurality of work requests.
- 14. (Previously Presented) The method of Claim 1, wherein said selected service location comprise at least one split.

- 15. (Canceled)
- 16. (Previously Presented) A load-balancing apparatus, comprising: means for receiving a work request;

means for calculating a probability that a service location is capable of servicing said work request within a target time, wherein said means for calculating a probability includes means for calculating a number of opportunities to service said work request within said target time with respect to a service location;

means for selecting a service location having at least one of a highest probability of servicing said work request within said target time and a sufficient probability of servicing said work request within said target time; and

means for allocating said work request to said selected service location.

- 17. (Original) The apparatus of Claim 16, wherein said service location is associated with a queue and comprises at least one associated resource.
- 18. (Original) The apparatus of Claim 16, wherein said service location comprises a split.
- 19. (Original) The apparatus of Claim 16, further comprising means for calculating an advance time metric.
 - 20. (Previously Presented) A work allocation apparatus, comprising: a plurality of service locations;
- a plurality of service resources, wherein at least a one of said service resources is associated with each of said service locations;
- a communication network interface, operable to receive work requests; and a controller, wherein said controller operates to calculate a relative probability that a work request will be serviced within a target time for each service location included in the plurality of service locations, wherein said relative probability is determined for a service

location by calculating a number of opportunities to service said work request within a predetermined target time, wherein a work request received at said communication network interface is assigned to a service location having at least one of a highest probability of servicing said work request within said predetermined target time and a sufficient probability of servicing said work request within said predetermined target time.

- 21. (Original) The apparatus of Claim 20, wherein said service resources comprise service agents.
- 22. (Original) The apparatus of Claim 20, wherein said service resources are organized into splits.
- 23. (Original) The apparatus of Claim 20, wherein said work request is associated with a request for assistance.
- 24. (Original) The apparatus of Claim 20, wherein said communication network interface is interconnected to at least one of an Internet protocol network and a public switched telephone network.
- 25. (Original) The apparatus of Claim 20, wherein said service locations each comprise a server.
- 26. (Previously Presented) A computer storage medium containing instructions for performing a method, the method comprising:

receiving a work request;

calculating for each of a plurality of service locations a relative probability that said work request will receive service within a target time period;

selecting at least one a one of said plurality of service locations having at least one of a greatest probability of servicing said work request within said target time period and a sufficient probability of servicing said work request within said target time period; and

assigning said work request to one of said selected service locations.

- 27. (Previously Canceled)
- 28. (Previously Presented) The method of Claim 26, wherein said calculated probability comprises a calculated number of opportunities that a service location will have to service said work request within said target time period.
- 29. (Original) The method of Claim 28, wherein said number of opportunities (#OPP) is given by: #OPP=((Target time-EWT)/WAT)+1, where EWT is an expected wait time for said service location, and where WAT is a weighted advance time for said service location.
- 30. (Original) The method of Claim 26, further comprising: in response to a number of service locations having an equal calculated probability, calculating an advance time metric for each of said number of service locations.
- 31. (Original) The method of Claim 30, wherein said calculating an advance time metric comprises:

calculating a weighted advance time;

calculating a weighted advance time change;

calculating a weighted advance time trend; and

wherein said step of selecting a one of said plurality of service locations comprises selecting a service location with a lowest calculated weighted advance time trend.

- 32. (Original) The method of Claim 31, wherein said weighted advance time change (WAT_Change) is given by WAT_Change=(WATn-WATn-1)/WATn-1, where WATn is the weighted advance time most recently calculated, and where WATn-1 is a previously calculated weighted advance time, wherein said weighted advance time trend (WAT_Trend) is given by WAT_Trendn = $(x*WAT_Trendn-1) + ((1-x)*WAT_Change)$, where x is a constant.
- 33. (Original) The method of Claim 30, wherein said calculating an advance time metric comprises calculating an estimated waiting time.

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- 34. (Original) The method of Claim 26, further comprising: selecting a target time for servicing a work request.
- 35. (Canceled)
- 36. (Currently Amended) The apparatus of Claim 16, wherein said number of opportunities (#OPPS) is calculated as #OPPS=((Target time-EWT)/WAT)+1, where EWT is an estimated wait time for a work request assigned to said service location, and where WAT is a weighted advance time for a work request assigned to said service location.
- 37. (Currently Amended) The apparatus of Claim 20, wherein said number of opportunities (#OPPS) is calculated as #OPPS=((Target time-EWT)/WAT)+1, where EWT is an estimated wait time for a work request assigned to said service location, and where WAT is a weighted advance time for a work request assigned to said service location.
- 38. (Currently Amended) The method of Claim 28, wherein said number of opportunities (#OPP) is given by: #OPP=((Target time-EWT)/WAT)+1, where EWT is an estimated wait time for a work request assigned to said service location, and where WAT is a weighted advance time for a work request assigned to said service location.